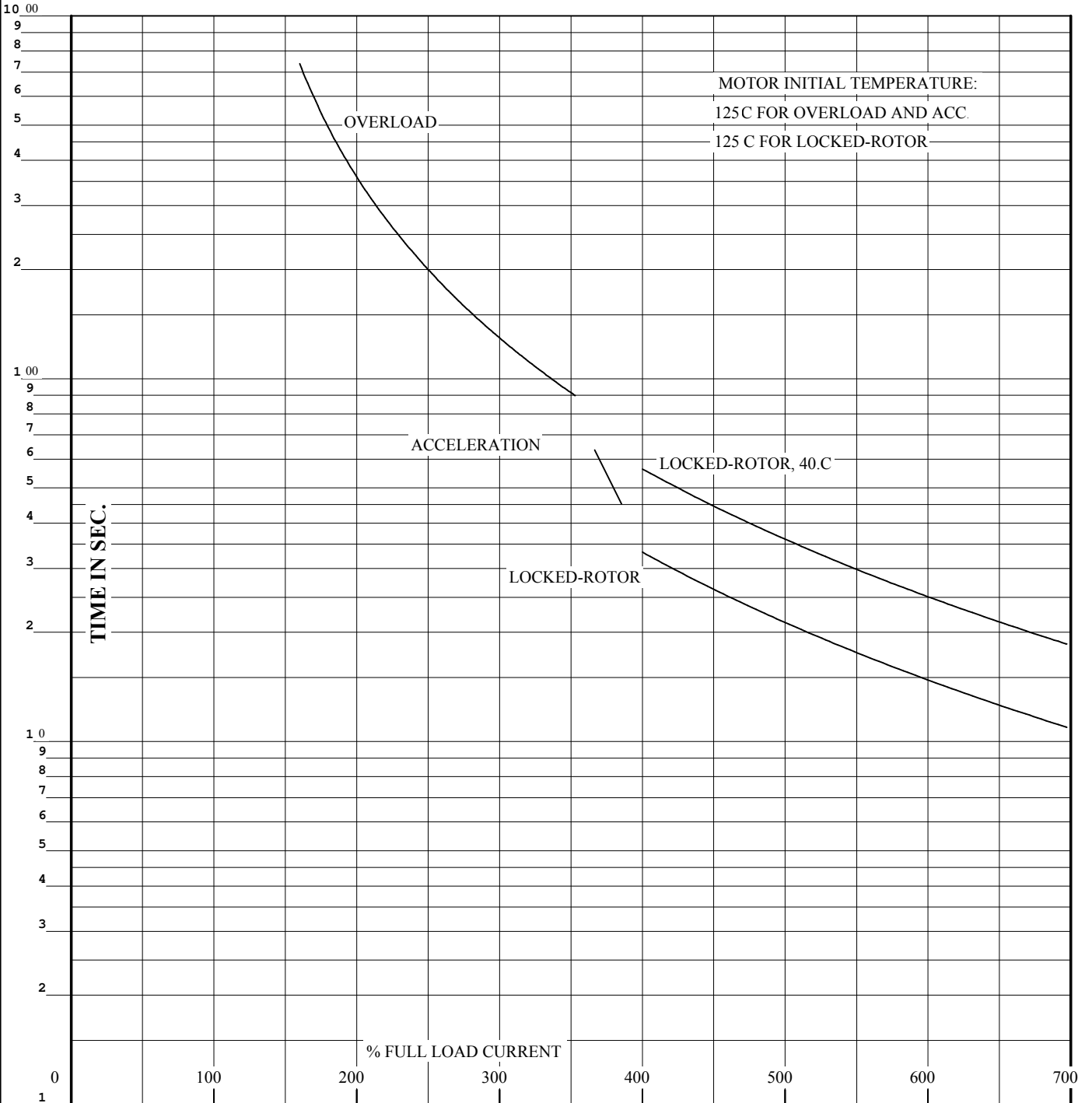


REL. S.O.
 FRAME 405TS
 HP 100
 TYPE P
 PHASE/HERTZ 3/60

RPM 3565
 VOLTS 460
 AMPS 110
 DUTY CONT
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER F
 ENCLOSURE TEFC
 E/S 596930

ROTOR 418142005PE
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C .0526
 OHMS (BETWEEN LINES)



THERMAL LIMIT CURVE


REMARKS: XE MOTOR-NEMA NOM. EFF. 95.0 %
 GUARANTEED MIN. EFF. 94.5%

AMPERES SHOWN FOR 460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.



DR. BY W. L. SMITH
 CK. BY G. R. WEBB
 APP. BY D. M. BYRD
 DATE 01/23/02

A-C MOTOR PERFORMANCE CURVES
 A40WG0061-R001
 ISSUE DATE 03/04/2014

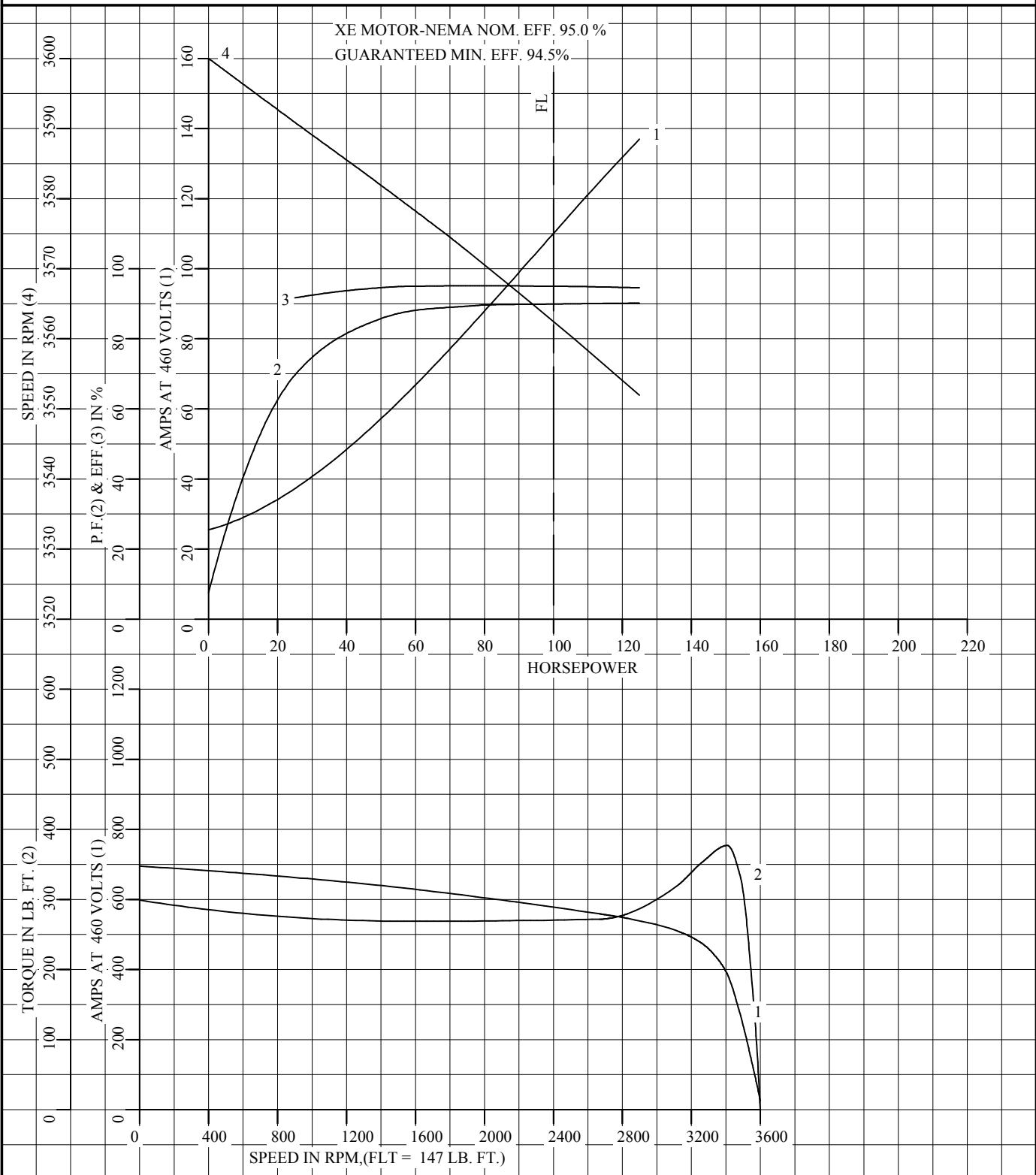
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	405TS	100	P	3/60	3565	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
110	CONT	40/F	1.15	B	F	TEFC
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES. @25 °C OHMS (BETWEEN LINES)		
596930	418142005PE	---	---	.0526		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	% POWER FACTOR	% EFFICIENCY	
NO LOAD	0	25.6	3600	7.57	0	
1/4	25.0	36.7	3591	69.7	91.7	
2/4	50.0	57.7	3582	85.8	94.6	
3/4	75.1	82.7	3572	89.3	95.1	
4/4	100	110	3563	89.9	95.0	
5/4	125	137	3552	90.2	94.6	
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	203	299	695	
PULL UP		1545	182	269	632	
BREAKDOWN		3408	256	377	387	
FULL LOAD		3563	100	147	110	
<p>AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE</p> <p>REMARKS: TYPICAL DATA XE MOTOR-NEMA NOM. EFF. 95.0 % GUARANTEED MIN. EFF. 94.5%</p>						
		DR. BY	W. L. SMITH	A-C MOTOR PERFORMANCE A40WG0061-R001 DATA		
		CK. BY	G. R. WEBB			
APP. BY	D. M. BYRD	ISSUE DATE	03/04/20			
DATE	01/23/02					

REL S.O.
 FRAME 405TS
 HP 100
 TYPE P
 PHASE/HERTZ 3/60

RPM 3565
 VOLTS 460
 AMPS 110
 DUTY CONT
 AMB °C/INSUL 40/F

S.F. 1.15
 NEMA DESIGN B
 CODE LETTER F
 ENCLOSURE TEFC
 E/S 596930

ROTOR 418142005PE
 TEST S.O. TYPICAL DATA
 TEST DATE ---
 STATOR RES. @ 25 °C .0526
 OHMS (BETWEEN LINES)



AMPERES SHOWN FOR 460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.



DR. BY W. L. SMITH
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 ISSUE DATE 03/04/2014